



**DEPARTMENT OF LABOR & ECONOMIC GROWTH**  
**DIRECTOR'S OFFICE**  
**OCCUPATIONAL HEALTH STANDARDS**

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(By authority conferred on the director of the department of consumer and industry services by sections 14 and 24 of 1974 PA 154 and Executive Reorganization Orders Nos. 1996-1 and 1996-2, MCL 408.1014, 408.1024, 330.3101, and 445.2001)

R 325.47801, R 325.50902, and R 325.51004 are added to the Michigan Administrative Code as follows:

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**PART 478. ILLUMINATION**

**R 325.47801 Illumination level generally.**

**Rule 1.** (1) An employer shall ensure that the level of illumination is adequate as determined by the director for the task being performed.

(2) O.H. rules 4102, 4103, 4104, and 4105 are rescinded.

(3) This rule replaces O.H. rules 4101 to 4105.

(4) R 325.51004 and R 325.50902 replace O.H. Rule 4106.

**R 325.50902 Illumination for pulpwood logging.**

**Rule 1.** With respect to pulpwood logging operations subject to O.H. rule 5006, an employer shall ensure that adequate lighting is provided on roads and trails if night work is necessary for pulpwood harvesting.

**R 325.51004 Illumination for sawmills.**

**Rule 1.** All of the following provisions apply to sawmill operations subject to O.H. rule 5005.

(a) "Boom" means logs or timbers which are fastened together end to end and which are used to contain floating logs. The term includes enclosed logs.

(b) With respect to building facilities and isolated equipment, both of the following provisions apply for general lighting:

(i) An employer shall ensure that illumination is provided and designed to supply adequate general and local lighting to rooms, buildings, and work areas when in use.

(ii) The adequacy and effectiveness of illumination will be determined using all of the following factors:

(A) The quantity of light in foot-candle intensity is sufficient for the work being done.

(B) The quality of the light is free from glare, and has correct direction, diffusion, and distribution.

(C) Shadows and extreme contrasts are avoided or kept to a minimum.

(c) Work areas under mills shall be as evenly surfaced as local conditions permit. Work areas under mills shall not have unnecessary obstructions and shall have lighting facilities in accordance with American National Standard for Industrial Lighting A11.1-1965, which is adopted by reference in this rule. Printed copies of ANSI A11.1-1965 are available from Global Engineering Documents, 15 Inverness Way East, Englewood, Colorado 80112, telephone number 1-800-854-7179, Website: [www.global.ihs.com](http://www.global.ihs.com), at a cost as of the time of adoption of these rules of \$54.00 or is available for inspection and purchase at the Michigan Department of Consumer and Industry Services, Standards Division, 7150 Harris Drive, P.O. Box 30643, Lansing, Michigan 48909.

(d) All stairways shall be adequately lighted as prescribed in subdivision (b)(i) of this subrule.

(e) Fuel houses, bunkers, hoppers, and bins shall have adequate exits and lighting, and all necessary safety devices shall be provided and persons entering fuel houses, bunkers, hoppers, and bins shall use the safety devices.

(f) Log dumps, booms, ponds, or storage areas used at night shall be illuminated in accordance with the requirements of American National Standard A11.1-1965 (R-1970) Standard Practice for Industrial Lighting, which is adopted by reference in subdivision (c) of this subrule.



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